UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/665,448	09/19/2000	Masashi Tsuchida	520.33330CC3	1450

86636   7590   08/03/2009
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EXAMINER
CORRIELUS, JEAN M

ART UNIT	PAPER NUMBER
2162	

MAIL DATE	DELIVERY MODE
08/03/2009	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

DETAILED ACTION

EXAMINER'S AMENDMENT

1.   An examiner's amendment to the record appears below. Should the changes and/or

additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR

1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the

payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with

Carl Brundidge (Reg. No. 29,621 on June 2, 2009.

The application has been amended as follows:

In the claim:

92. (Currently Amended) A data processing method for accessing a database <u>data</u> based on

query <u>inputs</u> ~~according to an input of the query~~ and processing data from the database in data

processing system having storage devices that includes a plurality of data storage areas to

configure the databases to store data therein, <u>the method</u> comprising:

storing correspondence of a plurality of key ranges previously determined to a plurality

of the data storage areas in the storage device;

storing the data in the data storage area corresponding to the key range contained the data

therein when the data is stored in the database; ~~and~~

making correspondence information about the key range to the data storage area

according to an acceptance of a request including the information about the key range to ~~be~~

~~added~~ <u>add</u> and information about the data storage areas;

copying data corresponding to the information about the key range to add stored in the other data storage area from said other data storage area to the data storage area corresponding to the information of said key range;

analyzing a database calculation request according to the query inputs of the database calculation request;

obtaining the information about the key range corresponding to the database calculation request; and

accessing the data storage area corresponding to the information of the key range to refer to the data stored in the data storage area accessed and to process the database calculation request.

93. (Canceled)

94. (Currently Amended) The data processing method according to ~~claim 93~~ claim 92, further comprising the step of:

purging data corresponding to the information about the key range to ~~be added~~ add from said other data storage area.

95. (Currently Amended) The data processing method according to claim 92, further comprising the step of:

transferring data corresponding to the information about the key range to ~~be added~~ add

stored in the other data storage area from said other data storage area to the data storage area

corresponding to the information of said key range.

96. (Cancelled)

Allowable Subject Matter

2.   The present application has been thoroughly reviewed. Upon searching a variety of

databases, the examiner respectfully submits that claims 92, 94 and 95 are allowed over the prior

art made of record.

Conclusion

3.   Any inquiry concerning this communication or earlier communications from the

examiner should be directed to JEAN M. CORRIELUS whose telephone number is (571)272-

4032. The examiner can normally be reached on 10 hours shift.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, John Breene can be reached on (571) 272-4107. The fax phone number for the

organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Jean M Corrielus/
Primary Examiner, Art Unit 2162

July 31, 2009